

Abstract of the Disclosure

Apparatus and Method for Web-Phone Service in DSL is provided. The DSL web-phone service apparatus includes:

5 memory means for saving and managing ID number of terminal; transmitting means for, on the internet phone service access request of a terminal, retrieving ID number of access-requested terminal from the memory means, transmitting the ID number of a access-requested terminal

10 to IP control means, receiving from the IP control means IP allocated to the access-requested terminal and transmitting the IP allocated to the access-requested terminal to the terminal; IP control means for receiving the ID number of the access-requested terminal from the transmitting means,

15 determining whether IP is allocated to the access-requested terminal, and control IP allocation means to allocate available IP to the access-requested terminal which does not have IP, the available IP being ATM Poll number corresponding to the ID number of the access-requested

20 terminal; and IP allocation means for allocating available IP to the access-requested terminal which does not have IP and reporting the allocated IP to the IP control means.